

18-414

is the existence and maintenance of a relatively constant environment within the body.

Input:
Information sent
along afferent
pathways.

Control
Centre

Receptor (Sensor)

Effector



Hypothalamus

Change
detected by body

Stimulus
produces
in
Variation

Variable

Imbalance

Blood
 $H_2O \rightarrow$
12-16 g/dl
 $\rightarrow O_2 95\% - 100\%$
pH
percentage
hydrogen
Na - 65-105

Lapse of
effect
feed

(Disorder - fails to maintain homeostasis)

Na \rightarrow pH \rightarrow O_2 \rightarrow H_2O

45-105	7.35-7.45	15-100	12-16 g/dl
g/L			mg/dl
	Range		

{ front - brain - kidneys } = steroids
Schwartz 1 mitochondria - others.

Year 1